

Work Order ID 94844-2

94844

Page 1

December-20-12 7:35:34 AM

Item ID: D412-702-025

Accept

N9000040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: 4-Man Aft Facing Shoulder Harness, 4 point

Start Date: 12/20/12 Start Qty: 2.00 *2*

Cust Item ID:

Required Date: 12/21/12 Req'd Qty: 2.00 *2*

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

N/A

Rev E

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D412-702-025 CHG002

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

shp 21/12

split 1

W

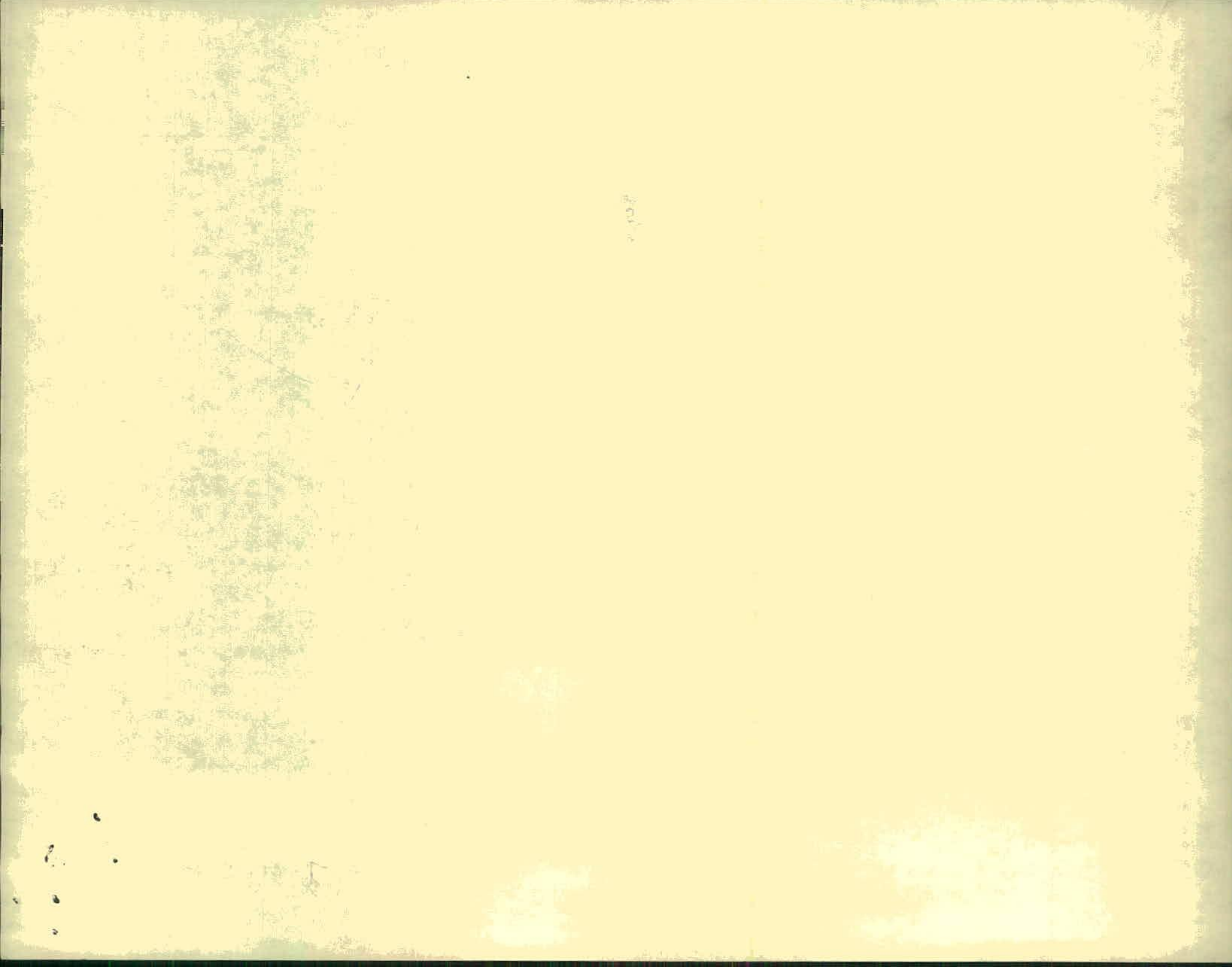
15-89

12/20/20

1 Form MLJ 12-12-20

12/21/12 (2)

15-89 12/20/20



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Accept

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Revision ID:

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Item Name: 4-Man Aft Facing Shoulder Harness, 4 point

Start Date: 12/20/12 Start Qty: 2.00 ***2***

Cust Item ID:

Required Date: 12/21/12 Req'd Qty: 2.00 ***2***

Customer:

Reference:

Run Start ***NR1***

Approvals: Process Plan: Date: Tooling: Date:

Stop ***NR2***

QC: Date: SPC (Y/N): Date:

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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130

0.00

130

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-702-025

Location: FL 013

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

12/12/2012 DAS 08 2-8

13/1/11 JH

MMF 13-1-11



Picklist Print

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Work Order ID: 94844

Parent Item: D412-702-025

Parent Item Name: 4-Man Aft Facing Shoulder Harness, 4 point

Start Date: 12/20/12

Required Date: 12/21/12

Start Qty: 2.00

Required Qty: 2.00

Comments:

IPP Rev:A05.09.01New issueKJ/JLM

IPP Rev:B As per Dsi9351 07-03-14 JLM

IPP Rev:C 07-07-28 As per Rev E JLM Verified By:ec IPP Rev. D 11.05.31 dsi

9559 EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4-20A Bolt		Purchased	No			120	Each	486.0000	8	16			SK

Location

Loc Qty

Loc Code

GA	51	
116419	51	
ST358	35	
121060	1	
122416	34	
ST515	400	
122800	200	
123900	200	

121060 1X
122416 10X

AN4-5A
Bolt

Purchased

No

120

Each

476.0000

4

8

Location

Loc Qty

Loc Code

ST355	232	
120562	232	
ST514	244	
120562	244	

120562

AN960JD416

NAS1149D0463J

Purchased

No

120

Each

0.0000

20

40

Washer

D3198-1

Fitting

Manufactured

No

120

Each

13.0000

4

8

Location

Loc Qty

Loc Code

ST246A	13	
83190	5	
84112	8	

83190

84112

Picklist Print

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Page 2

Work Order ID: 94844

Parent Item: D412-702-025

Parent Item Name: 4-Man Aft Facing Shoulder Harness, 4 point

Start Date: 12/20/12

Required Date: 12/21/12

Start Qty: 2.00

Required Qty: 2.00

D3551-11

Hook and Loop Tie

Manufactured No

120 Each 9.0000

4

8

Handwritten signature and initials.

Location

Loc Qty

Loc Code

ST246A

9

87141

9

Each 4.0000

87141 YX

Handwritten signature and initials.

D4387-043

Harness Assembly

Manufactured No

Each 4.0000

4

Location

Loc Qty

Loc Code

ST265

4

84110

4

Each 5,447.0000

84110 YX

Handwritten signature and initials.

MS2104214

Nut

Purchased No

120 Each 5,447.0000

12

24

Location

Loc Qty

Loc Code

FP001

318

122452

306

8182

12

FP-001

12

8182

12

GA

231

121444

231

ST314

3386

119017

20

123021

866

123248

900

123355

1600

ST506

1500

123900

1500

123021

December-20-12 7:35:34 AM

Shop Packet Print

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QTY -021	QTY -023	QTY -025	QTY -027	QTY -029	QTY -035	Part Number	Description
X						D412-702-021	Dart 13-Man Shoulder Harness Kit, 4-point
	X					D412-702-023	Dart 5-Man Forward Facing Shoulder Harness Kit, 4-point
		X				D412-702-025	Dart 4-Man Aft Facing Shoulder Harness Kit, 4-point
			X			D412-702-027	Dart 4-Man Side Facing Shoulder Harness Kit, 4-point
				X		D412-702-029	Dart 1-Man Forward Facing Shoulder Harness Kit, 4-point
					X	D214-702-035	Dart 5-Man Aft Facing Shoulder Harness Kit, 4-point, for Bell 214B/B-1
1	1		1	1		D412-702-069	GROMMET KIT
2	2					D3195-041	BRACKET
2	2					D3195-043	BRACKET
1	1			1		D3196-1	BAR
1			1			D3196-3	BAR
1			1			D3196-4	BAR
2	2					D3197-041	BAR
4		4				D3198-1	FITTING
2	2					D3268-1	PLACARD
9	5		4	1		D3446-041	HARNESS ASSEMBLY, 4 POINT
4		4				D3446-043	HARNESS ASSEMBLY, 4 POINT
					5	D3446-045	HARNESS ASSEMBLY, 4 POINT
13	5	4	4	1	5	D3551-11	HOOK AND LOOP TIE
2	2					D3546-1	CLIP
4		4				AN4-5A	BOLT
4	4					AN4-13A	BOLT
8		8				AN4-20A	BOLT
20		20				AN960JD416	WASHER (OR NAS1149D0463J)
12		12				MS21042L4	NUT (OR MS21042-4)
8	2		6	2		MS24694-S152	SCREW
8	2		6	2		MS24694-S154	SCREW

QTY -069	Part Number	Description
X	D412-702-069	GROMMET KIT
24	D3619-2	GROMMET
1	D3619-2T1	HOLE PUNCH
1	D3619-2T2	STRIKER BLOCK
1	D3619-2T3	PUNCH
1	D3619-2T4	DIE

1850

REFERENCE ONLY

SW

DART SERVICE INSTRUCTION

TO AMEND IIN-D412-702-1 REV. A,
AND ICA-D412-702 REV. 4 OR EARLIER APPROVED REVISIONS
REF. TCCA STC: SH04-7
REF. FAA STC: SR01997NY
REF. EASA STC: EASA.IM.R.S.00710

PURPOSE

The purpose of this DSI is to outline the replacement of existing D3446-041/-043 Shoulder Harnesses with the new and improved D4387-041/-043 Shoulder Harnesses.

CHANGE

For the following Kits, the D4387-041 and D4387-043 Shoulder Harnesses respectively replace the D3446-041 and D3446-043 Shoulder Harnesses as follows:

Old Harness P/N	Used On	New Harness P/N	Effectivity
D3446-041	D412-702-021	D4387-041	CHG 003 and subsequent
	D412-702-023		CHG 002 and subsequent
	D412-702-027		
	D412-702-029		
D3446-043	D412-702-021	D4387-043	CHG 003 and subsequent
	D412-702-025		CHG 002 and subsequent

Customers who want to upgrade their shoulder harnesses may replace their existing D3446-041/-043 with D4387-041/-043 per this service instruction.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 11.05.09
CERT. NO.: SH04-7
ISSUE NO.: 3

A	NEW ISSUE	MB	11.05.09
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9559	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		HARNESS CHANGE	NTS
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